Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 22 Oct 2021 until 23:59 on Saturday 23 Oct 2021

Forecast Issued on Friday 22 Oct 2021 at 03:12

Confidence: High for showers on Friday, which should ease early afternoon. Medium for the timing of rain late Saturday and early Sunday, low for detail of transition from showers to rain later Tuesday.

Headline for Friday 22 Oct 2021: A showery day, these heavier and more frequent during the morning.

Mountain weather hazards on Friday 22 Oct 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy rain showers	Heavy rain showers	Cloudy	Cloudy	Mist
Precipitation probability					
90%	60%	60%	30%	20%	10%

Forecast for Friday 22 Oct 2021

Weather: Clear spells and occasional showers overnight. There will be further showers or longer spells of rain during the morning, these are likely to be heavy at times. Any showers should gradually ease in the afternoon, although it will remain rather cloudy, with perhaps some bright or sunny spells to the south of the peaks. Becoming rather misty and murky by the evening.

Chance of cloud free mountain/hill tops above 600m: 30% chance at first, increasing to 80% during the afternoon, before reducing again by the evening.

Visibility: Good or very good, becoming moderate or poor in showers, very poor in hill fog, with bases lowering 500-800m at times, chiefly in and around showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 22 Oct 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/34 W	21/27 W	19/24 W	14/19 W	11/15 W	9/12 SW	9/12 SW
300	20/27 W	15/21 W	16/23 W	11/16 W	8/12 W	7/12 SW	6/10 S
Valley	13/30 W	9/20 W	12/23 W	8/17 W	4/11 W	3/9 S	3/9 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-1	5/-0	6/1	6/2	6/2	5/2	5/2
300	7/2	7/4	8/4	8/6	8/6	7/5	7/5
Valley	8/4	8/6	9/6	9/7	8/7	7/6	7/6
Freezing Level*	1300m	1300m	1300m	1400m	1400m	1400m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts reaching 50mph at first across most exposed ridges and summits, bringing a significant wind chill effect.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 22 Oct 2021	0mm	0mm	8.6mm

Forecast for Saturday 23 Oct 2021

Weather: Generally dry with best of the brighter spells through the morning, but cloud gradually thickening and lowering from the west during the afternoon, which will bring outbreaks of rain during late evening and overnight.

Maximum wind: South to Southwest increasing 20-25mph with gusts reaching 35mph across more exposed ridges and summits.

Chance of cloud free mountain/hill tops above 600m: 100% at first, becoming 40 % late evening.

Visibility: Good or very good, becoming moderate in any isolated day time showers, but more generally in later rain, very poor in hill fog, with bases lowering 500-800m at times, chiefly in later rain.

Temperature: **Valleys:** Plus 3 Celsius increasing Plus 15 Celsius during the afternoon
At 600m: Plus 6 Celsius
Freezing level: Above all summits

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